

# PREPARATION OF B-29 Lys MODIFIED INSULIN USING PROINSULINS

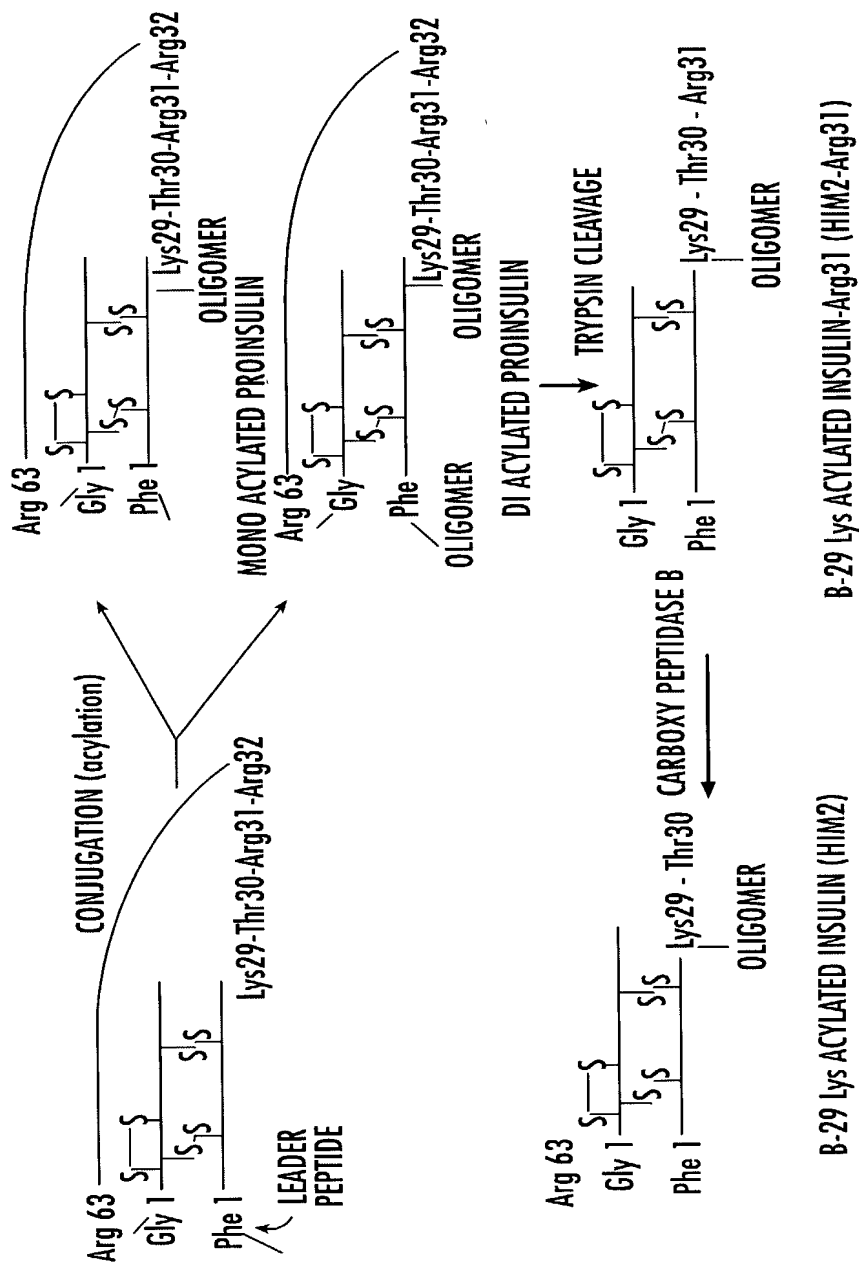


FIG. 1.

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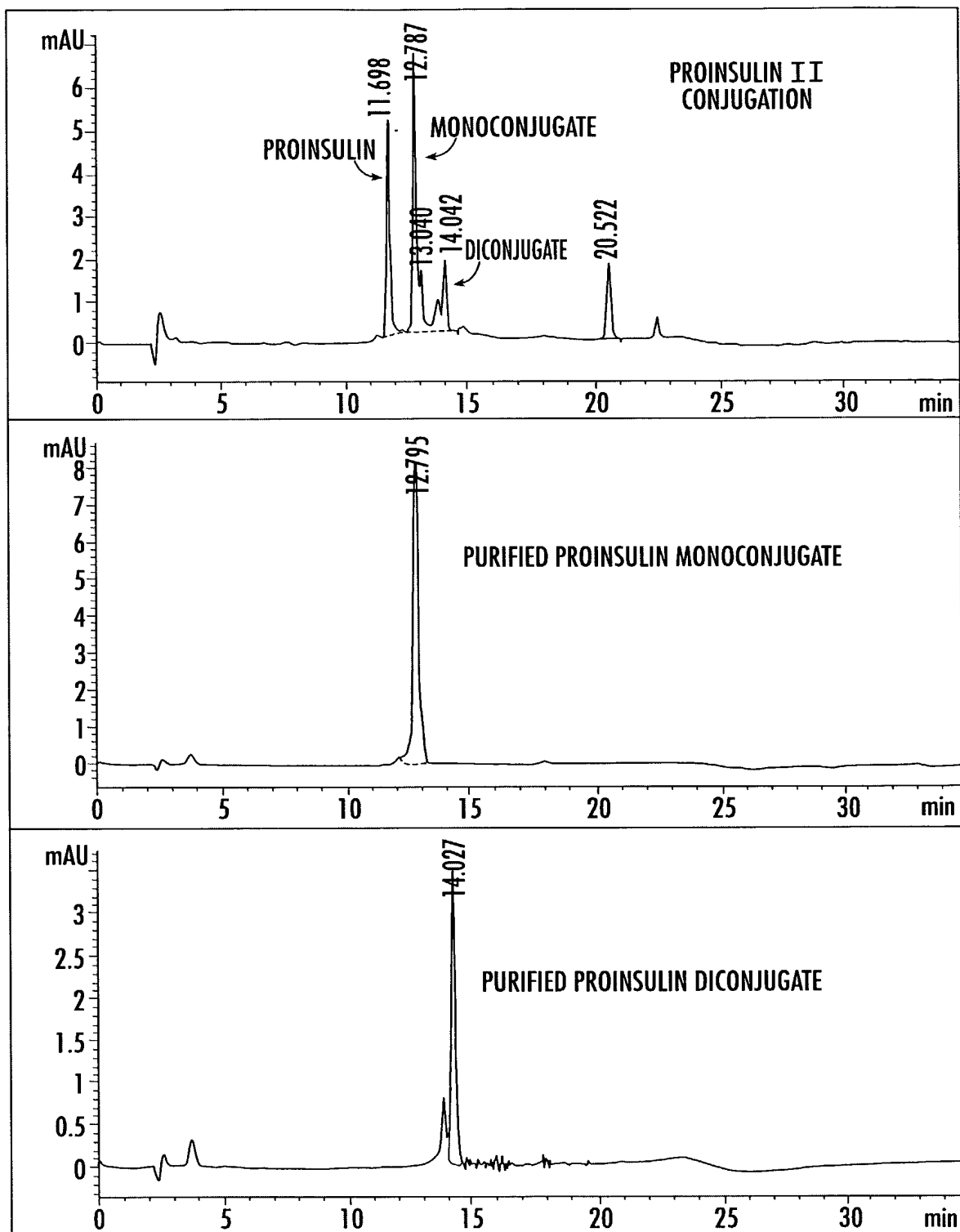


FIG. 2.

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PURIFIED PROINSULIN II MONOCONJUGATE

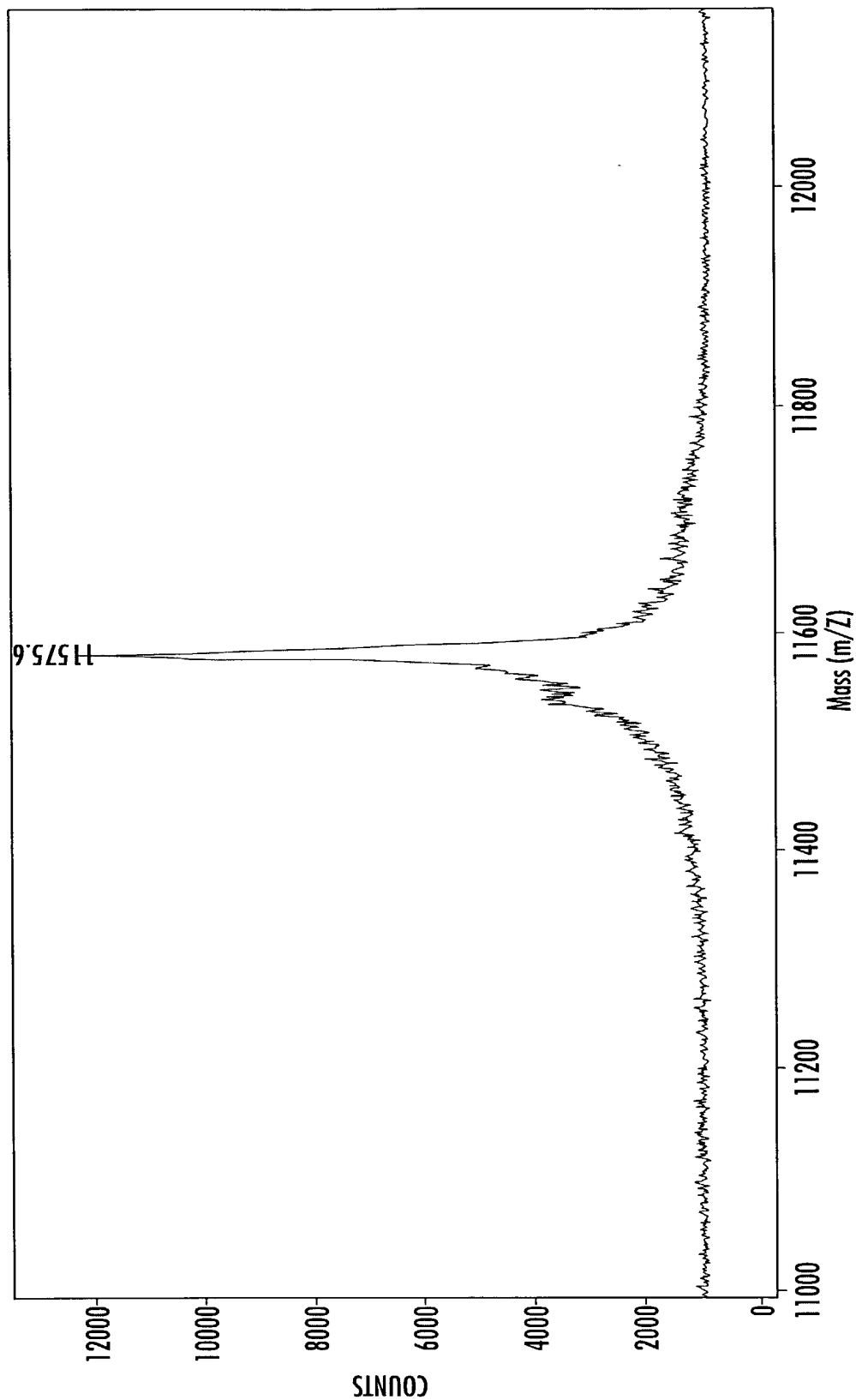


FIG. 3.

PURIFIED PROINSULIN II DICONJUGATE

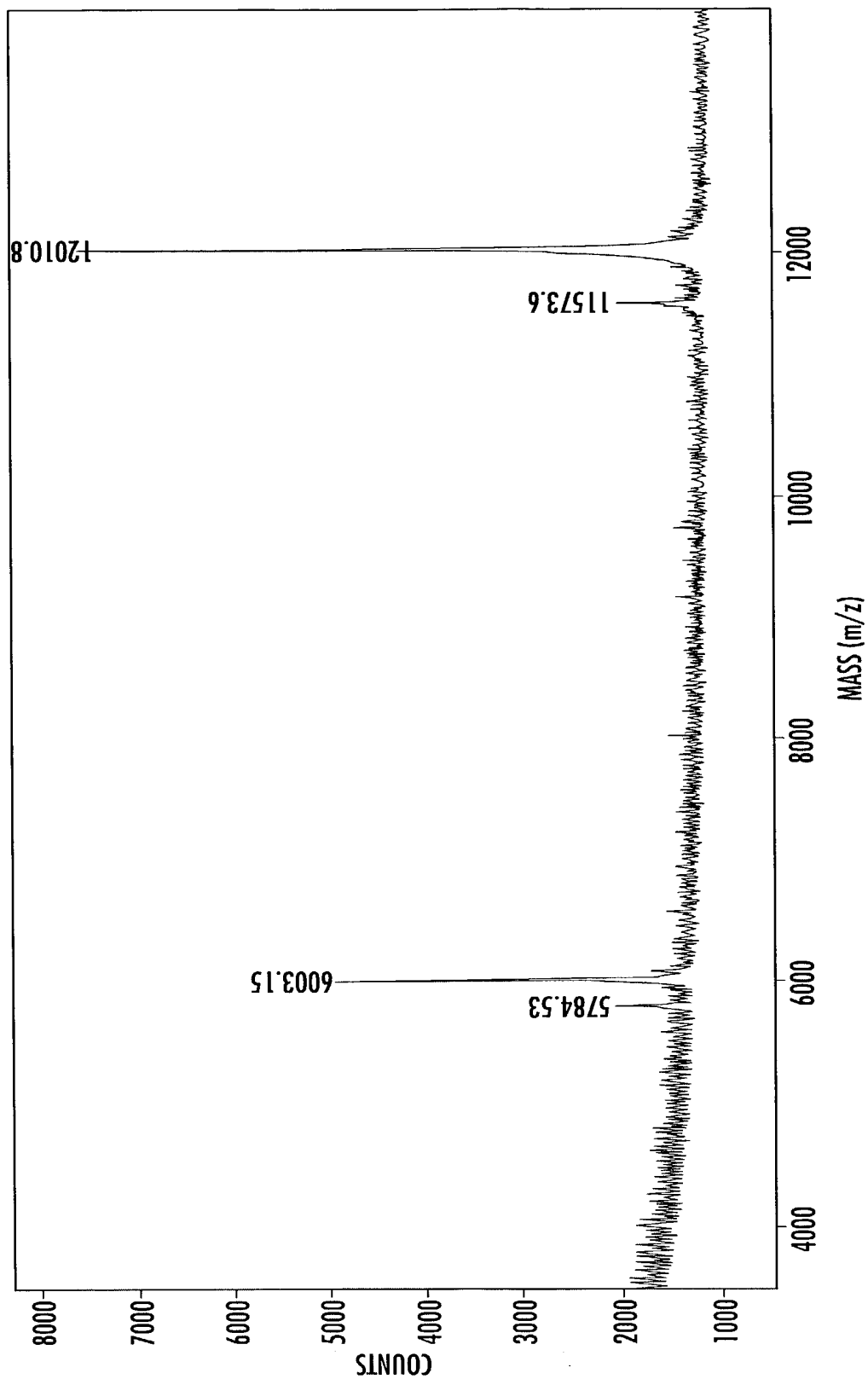


FIG. 4.

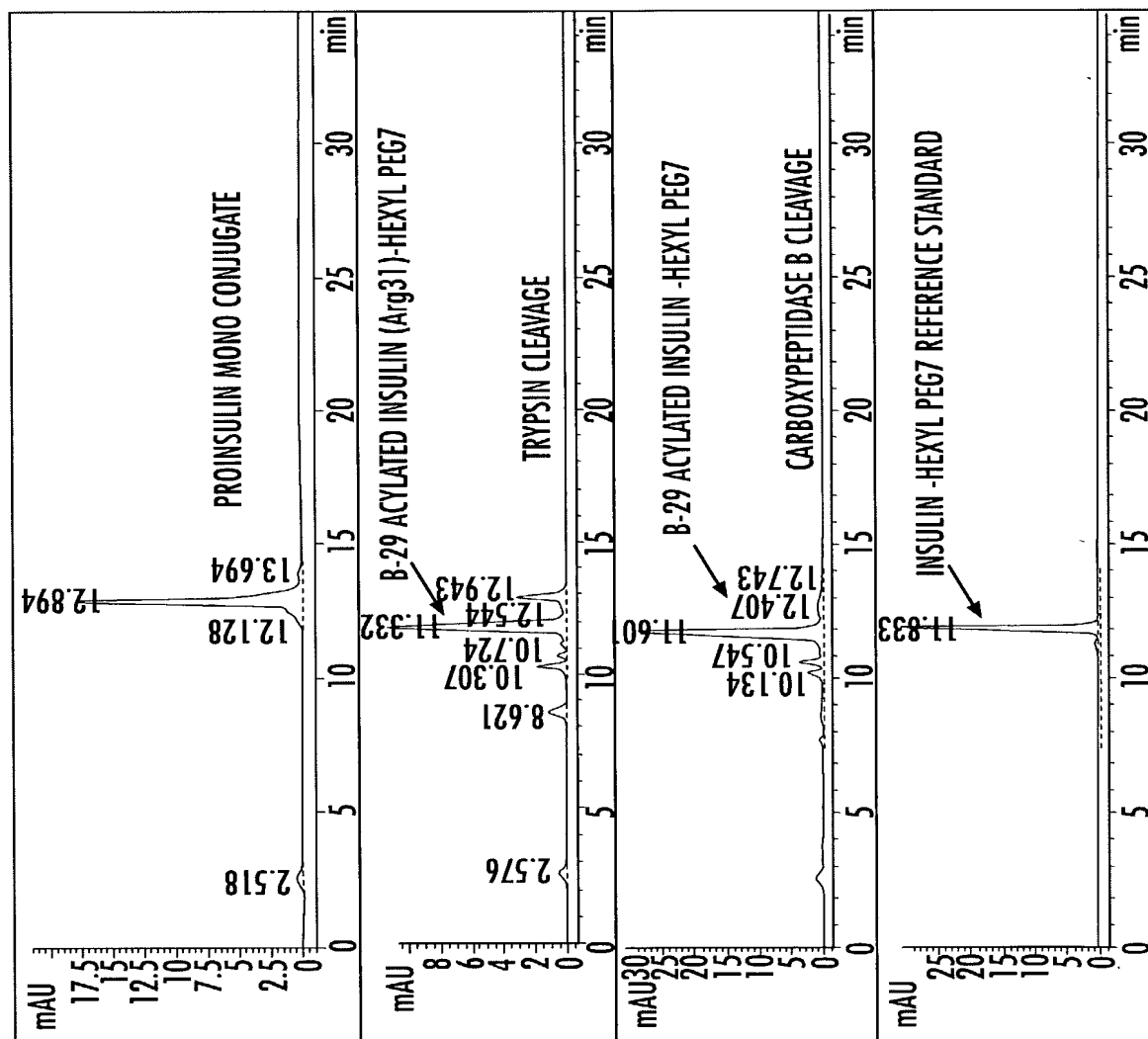


FIG. 5.

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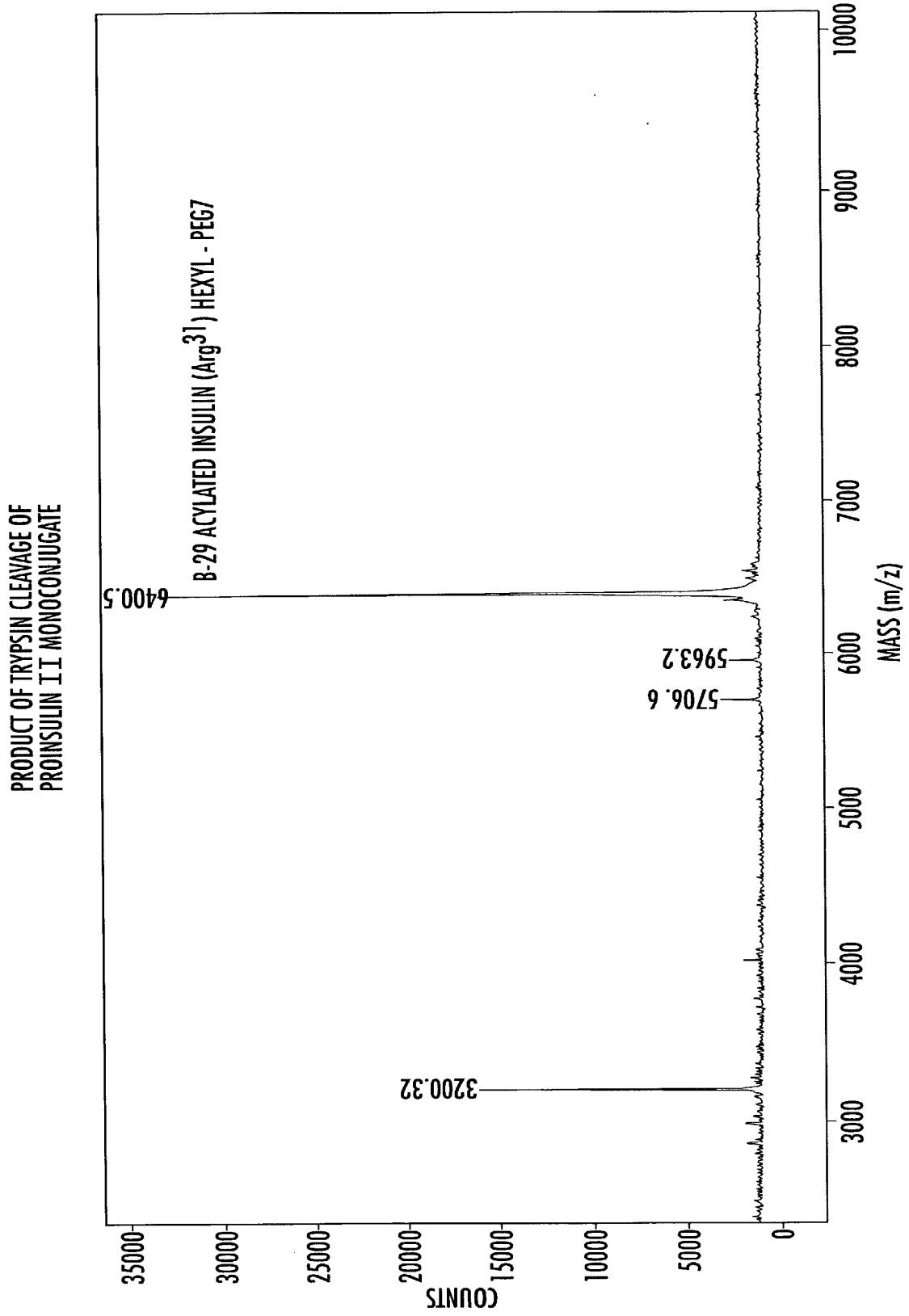


FIG. 6.

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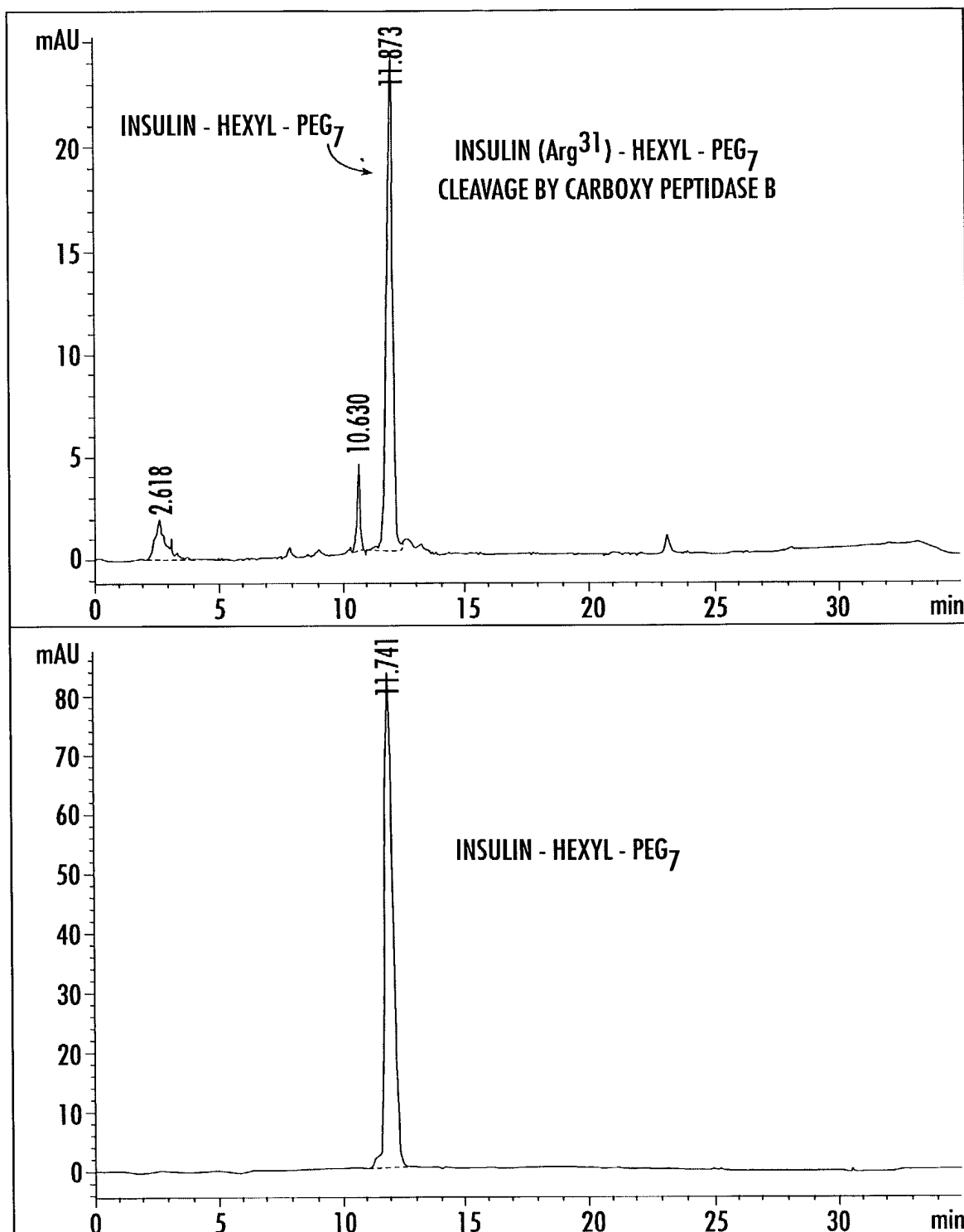


FIG. 7.

PRODUCT OF CARBOXYPEPTIDASE B CLEAVAGE  
OF B-29 ACYLATED INSULIN (Arg<sup>31</sup>) HEXYL-PEG7

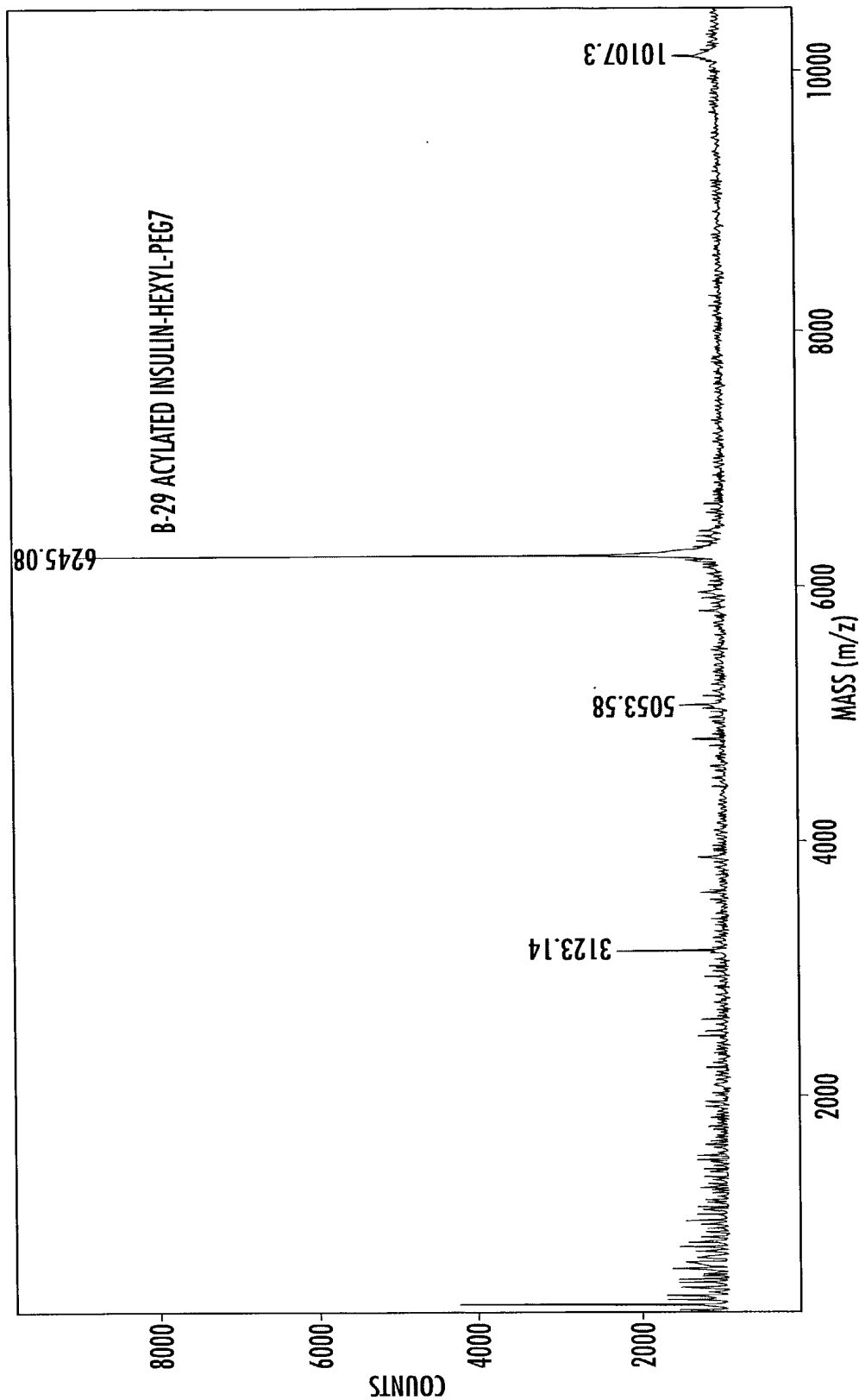


FIG. 8.



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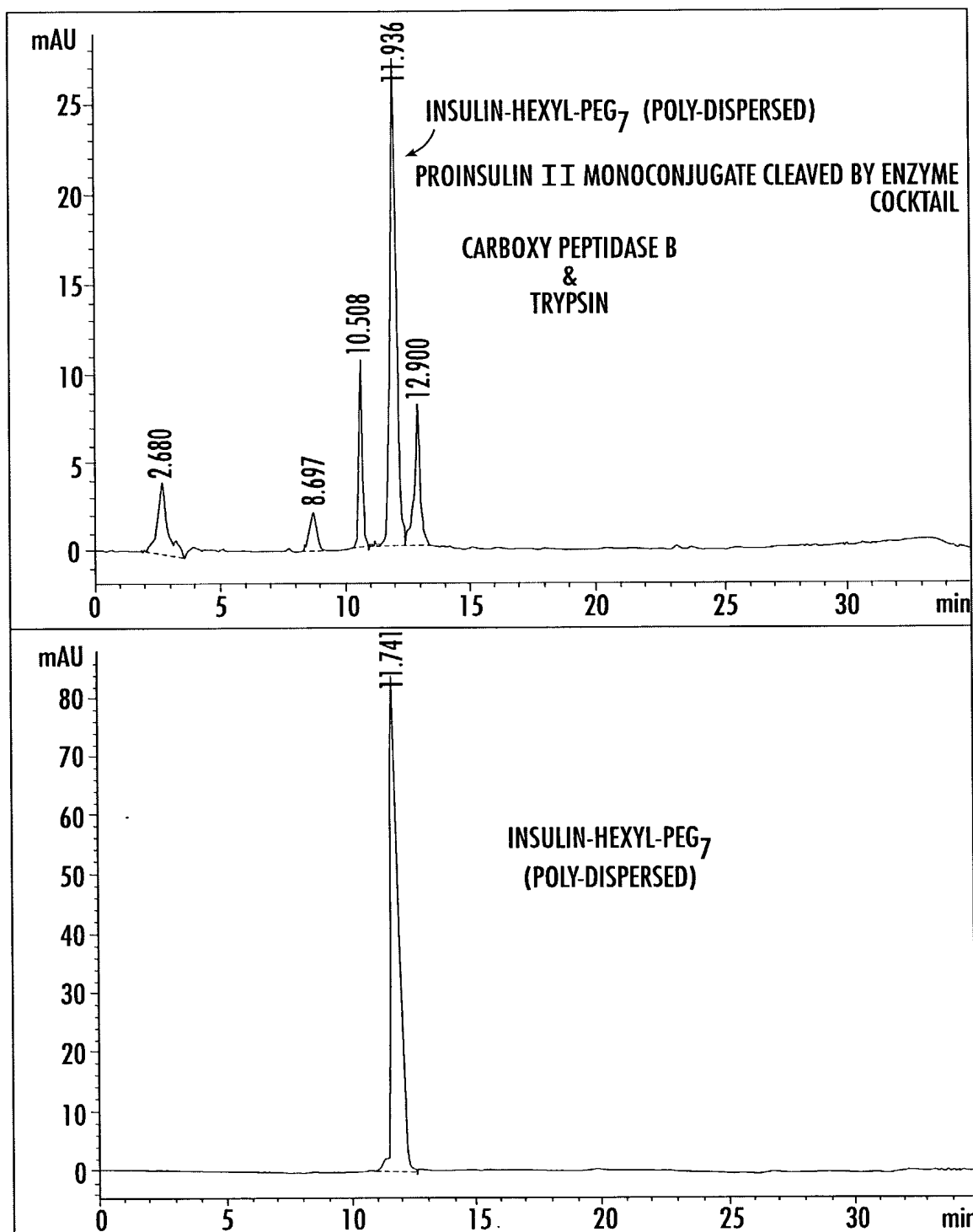


FIG. 9.

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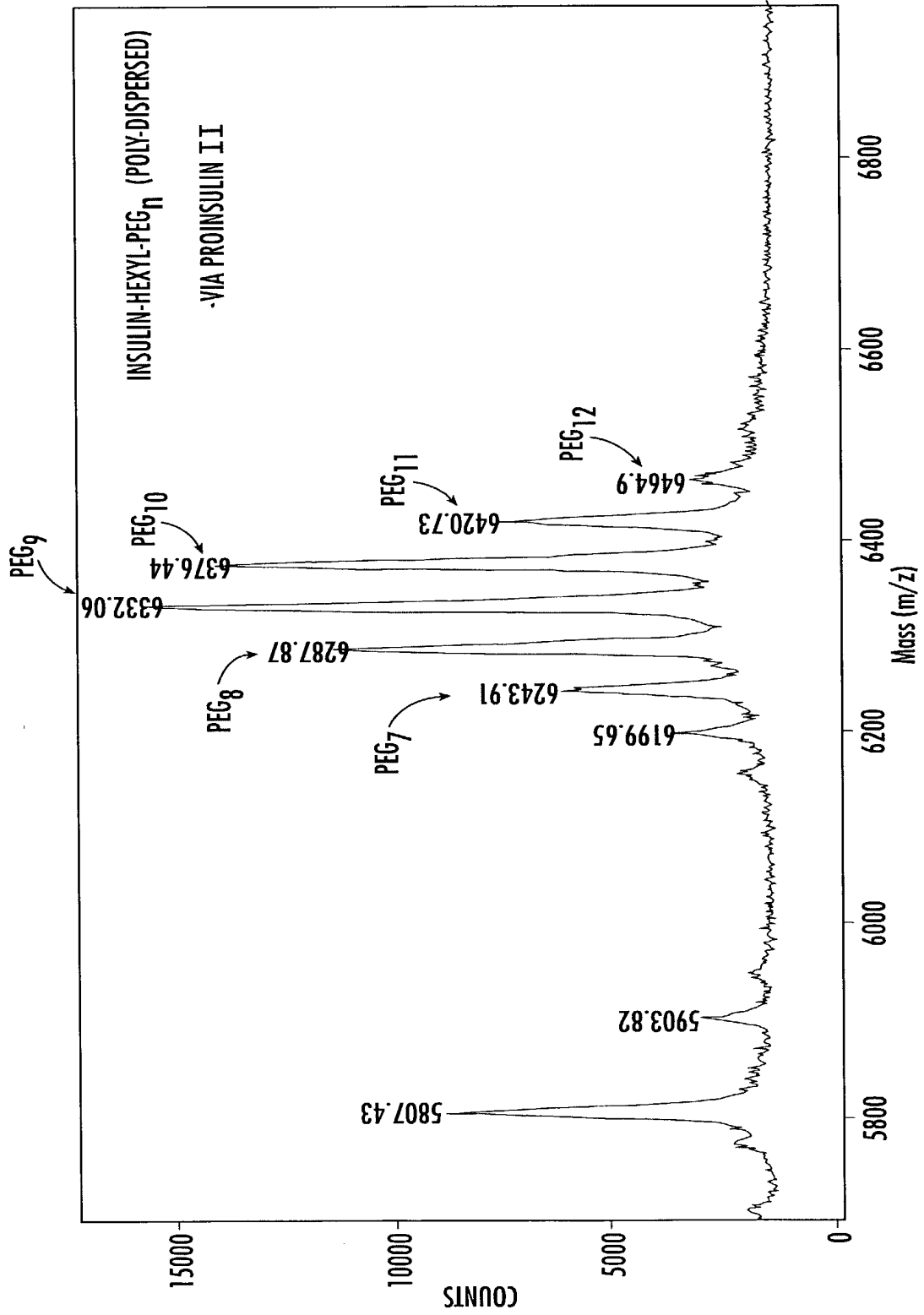


FIG. 10.

Sample: 16  
POSITIVE IONS

MODE: LINEAR

METHOD: 1:8K

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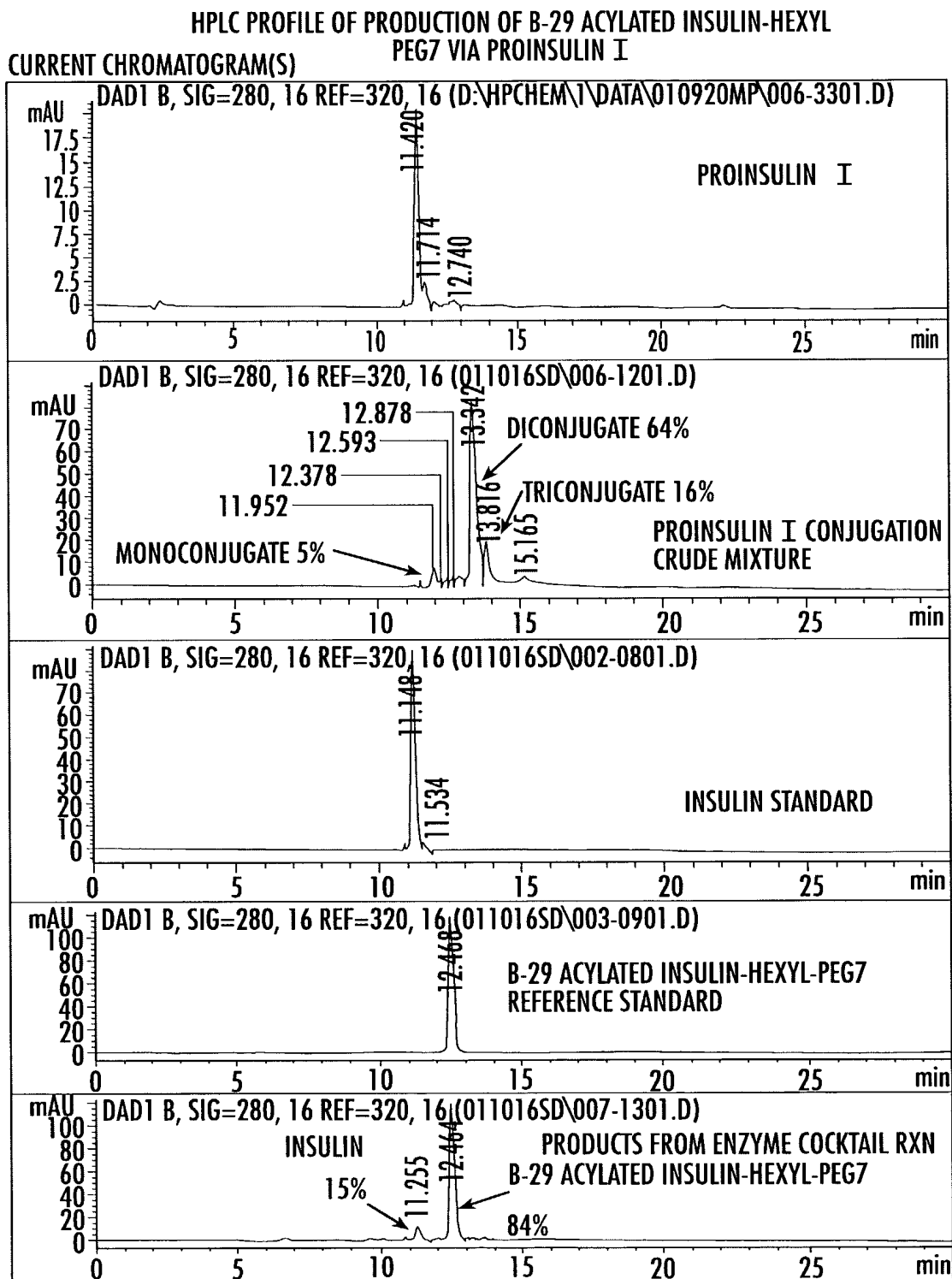
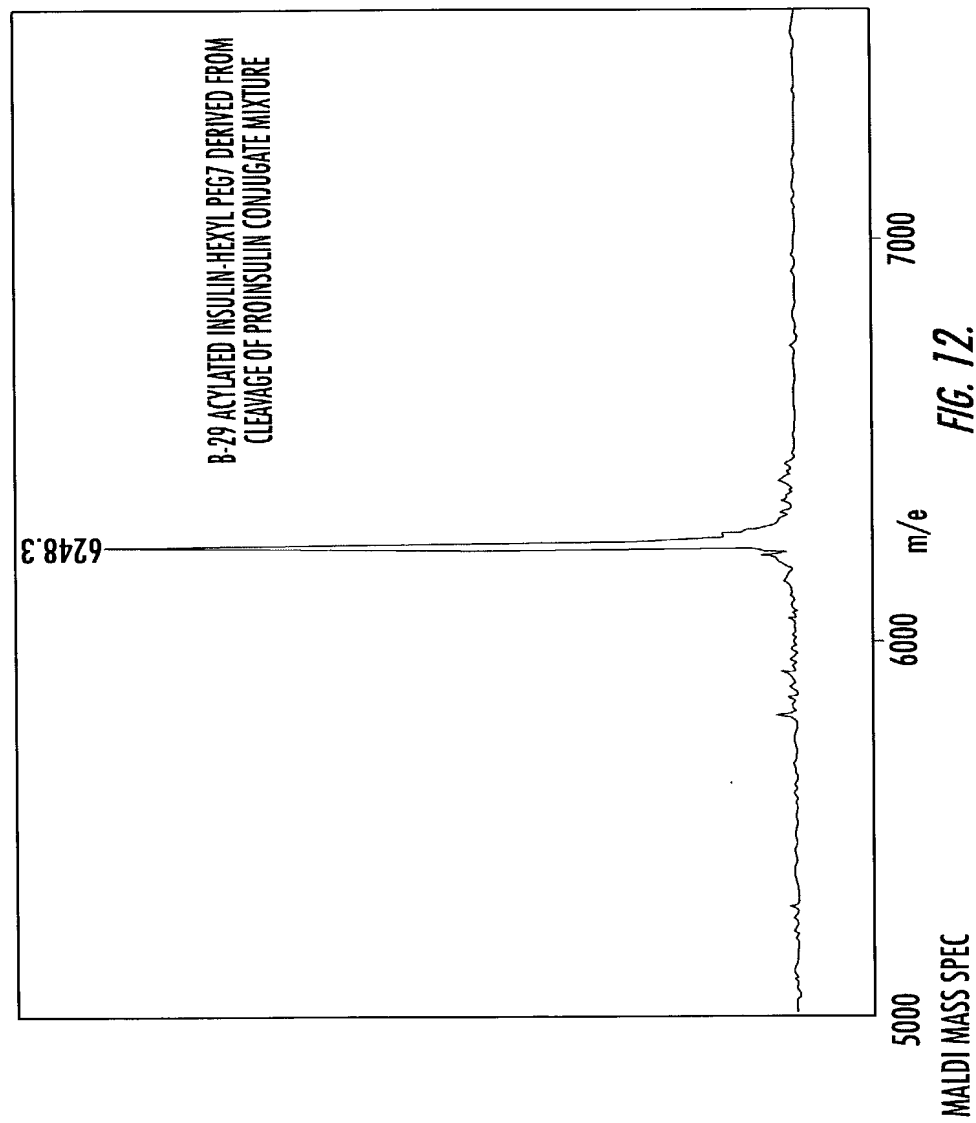


FIG. 11.

MASS SPECTRUM OF B-29 ACYLATED INSULIN-HEXYL PEG7  
VIA PROINSULIN I



MASS SPECTRUM OF INSULIN VIA PROINSULIN I

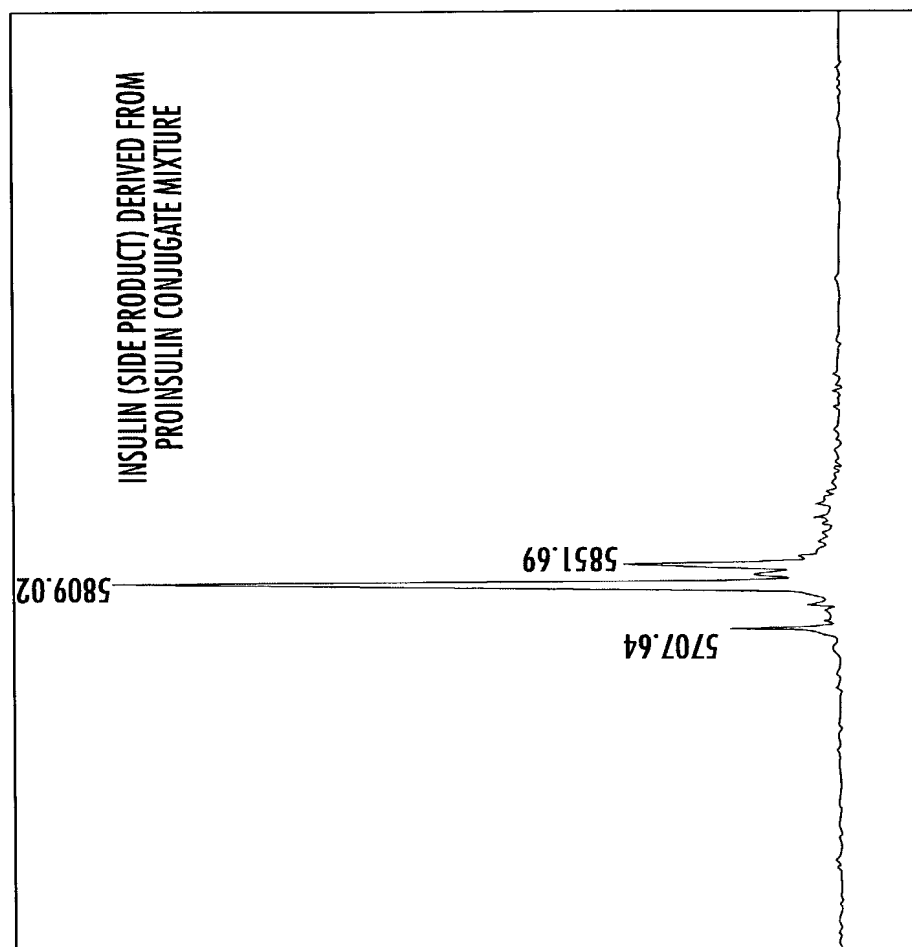


FIG. 13.

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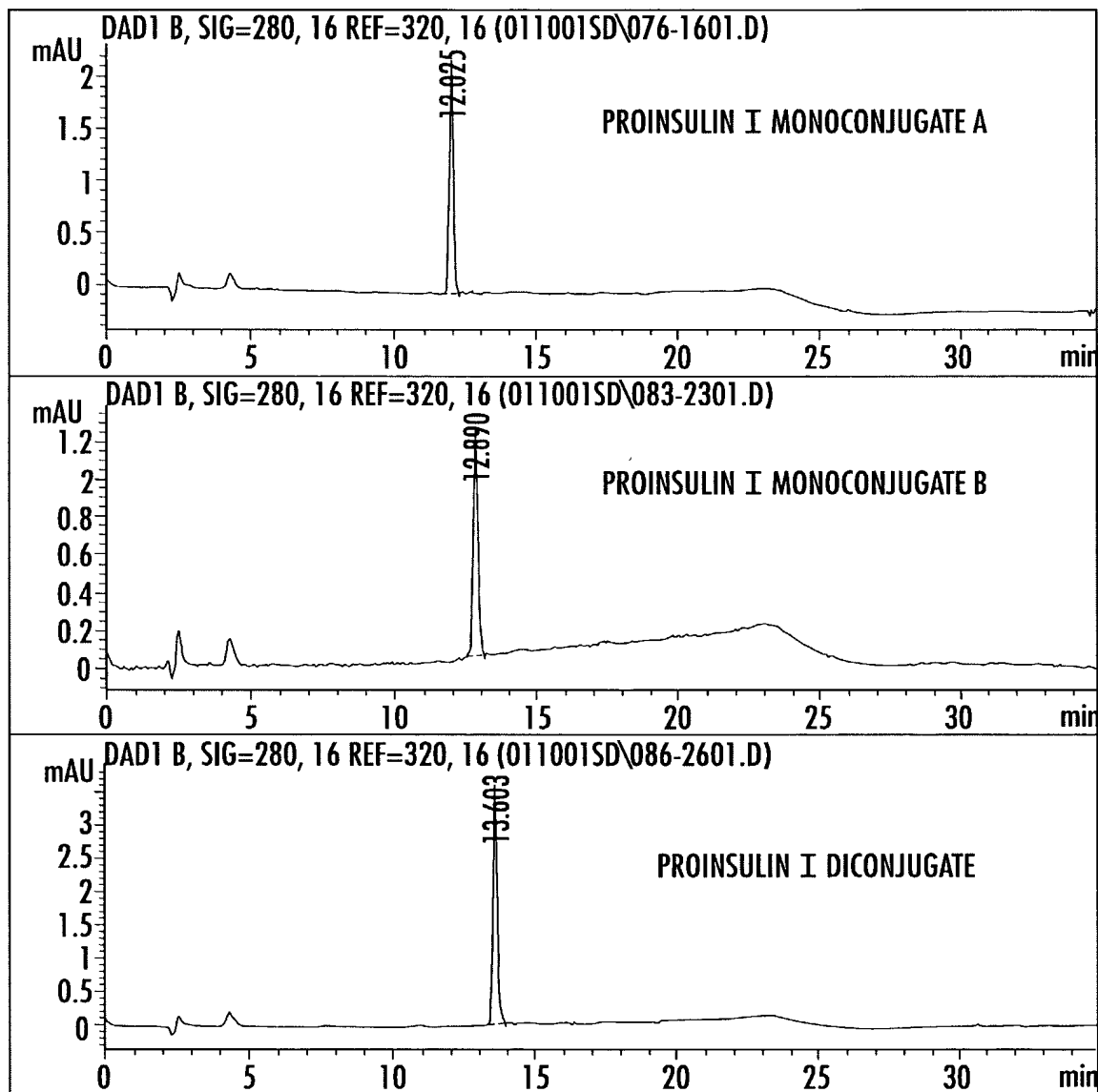


FIG. 14.

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CURRENT CHROMATOGRAM (S)

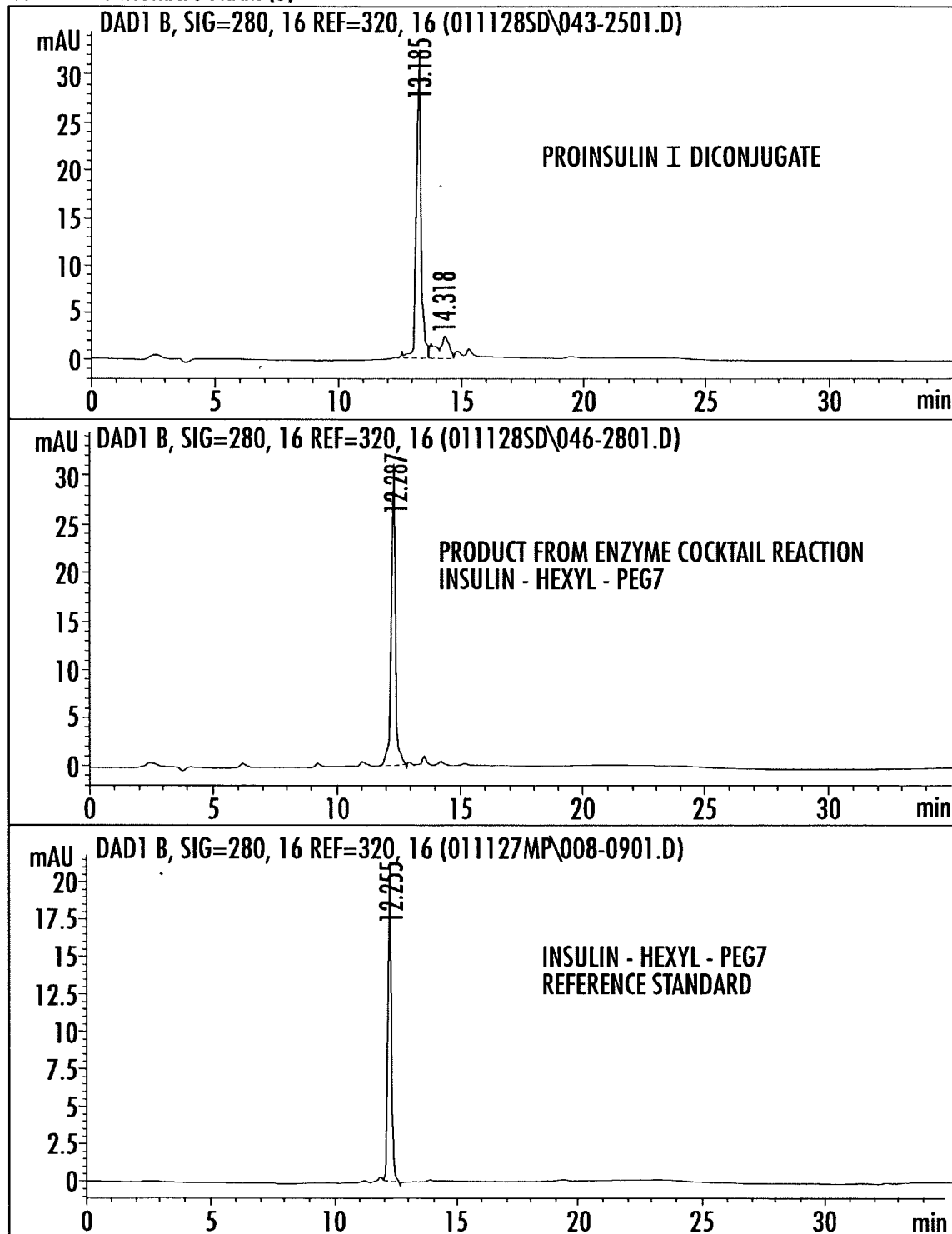


FIG. 15.

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## CURRENT CHROMATOGRAM (S)

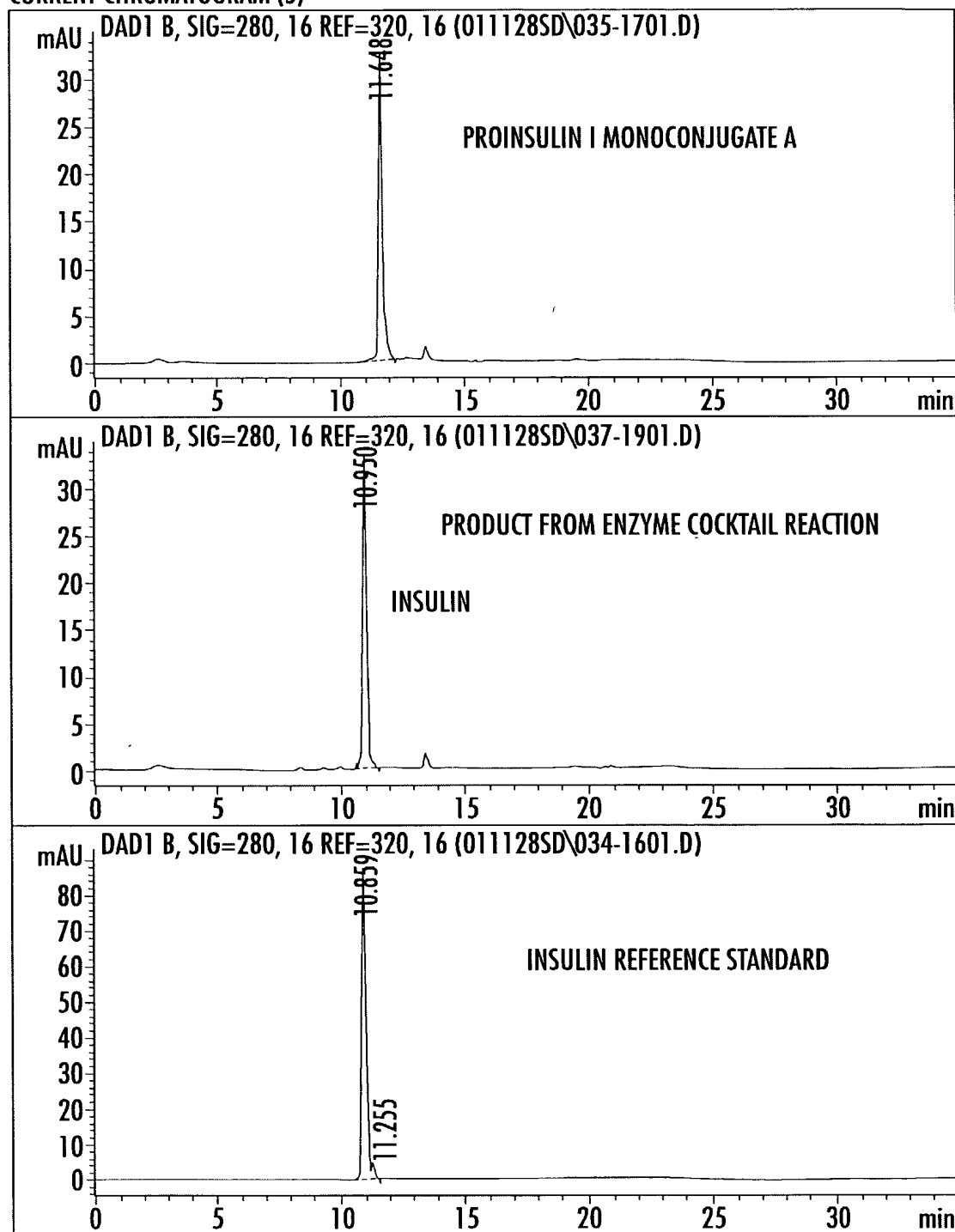


FIG. 16.